



# SKYLIGHT DEFENDER ASSEMBLY INSTRUCTIONS

4064 Peavey Rd. Chaska, MN 55318  
Toll Free: 866-933-2935  
www.bluewater-mfg.com

BY: Paul Boyum  
DATE: 12/02/2014

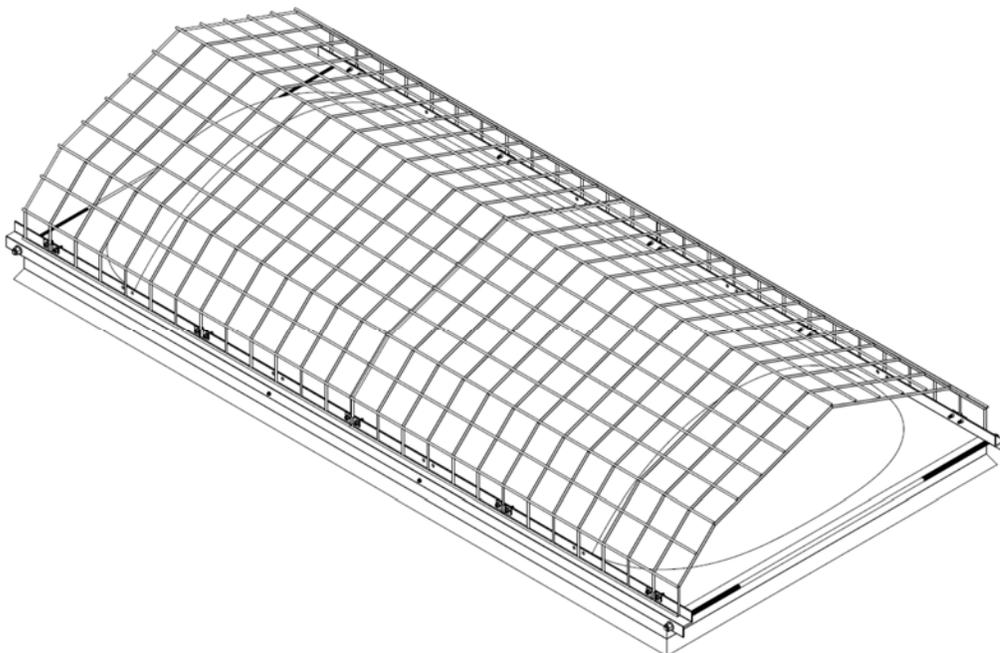
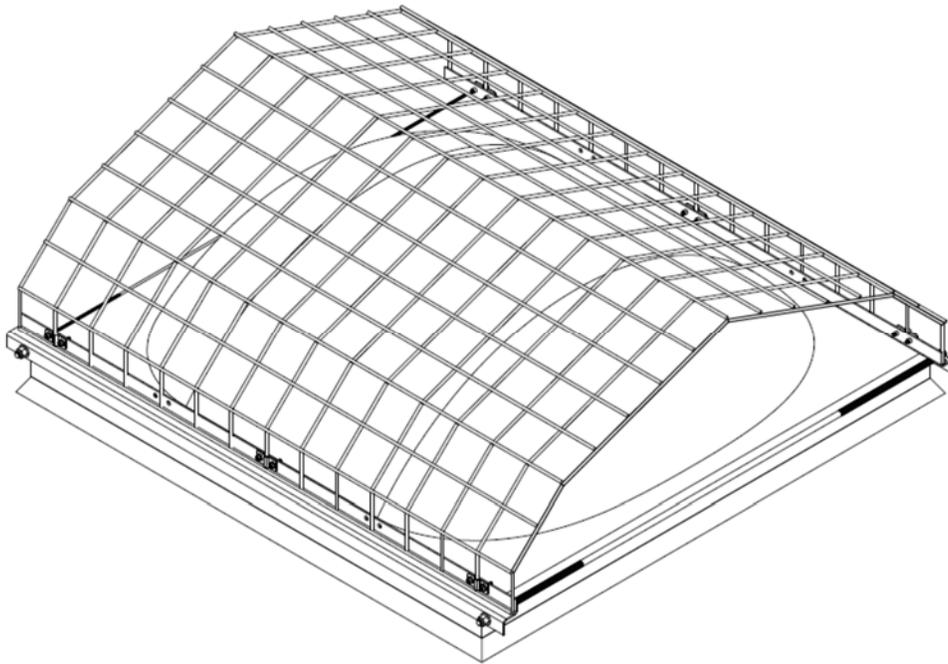
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## RECOMMENDED TOOLS FOR ASSEMBLY:

- Crescent Wrench
- Vice grip
- Socket Set





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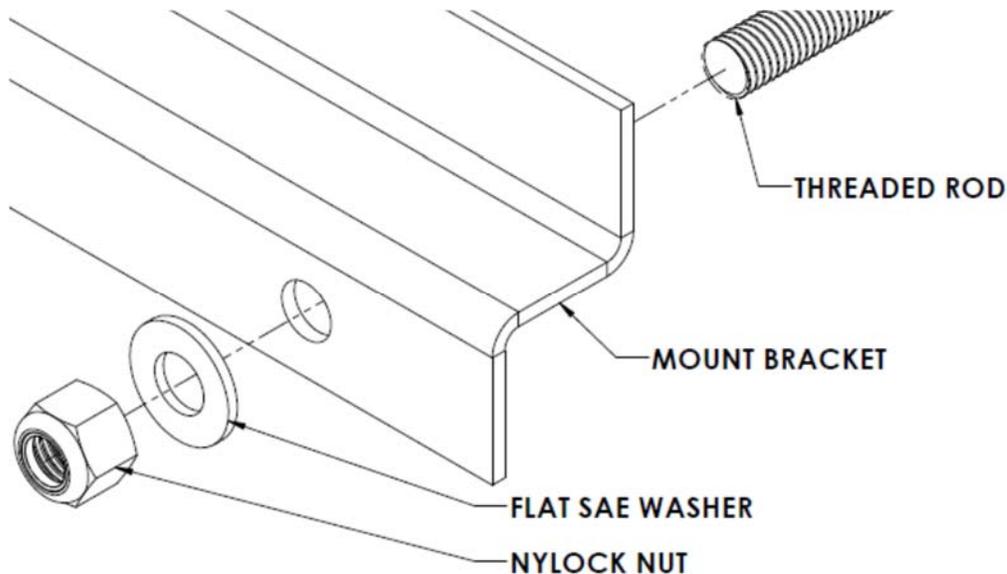
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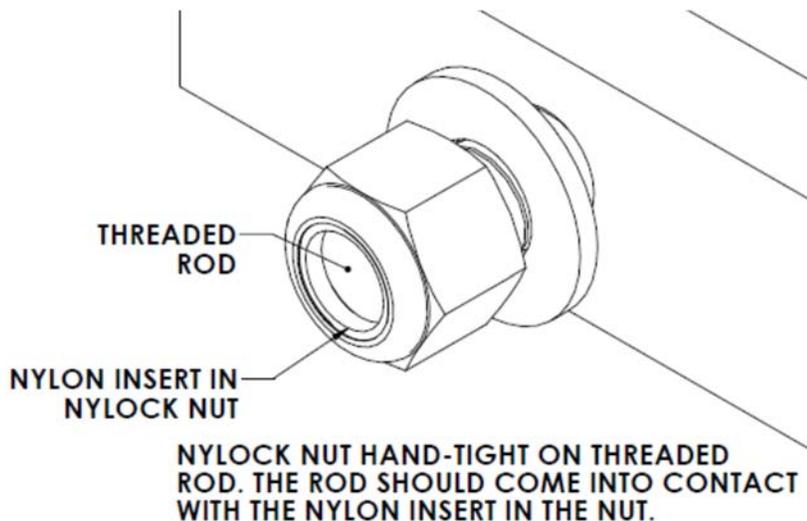
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1. Insert a threaded rod through the mount bracket.
2. Place a flat washer onto the end of the threaded rod.
3. Secure the nut onto the end of the rod hand-tight.
  - a. Please refer to the illustration for step 7 for further information.



4. Place the mount bracket with the threaded rod loosely onto the skylight frame.
5. Insert the second threaded rod through the opposite end of the mount bracket.
6. Place a flat washer onto the end of the threaded rod.
7. Secure the nut onto the end of the rod hand-tight.



8. Place the second mount bracket onto the opposite end of the threaded rods.
9. Place flat washers onto the ends of the threaded rods.
10. Secure the nuts onto the ends of the threaded rods hand-tight.



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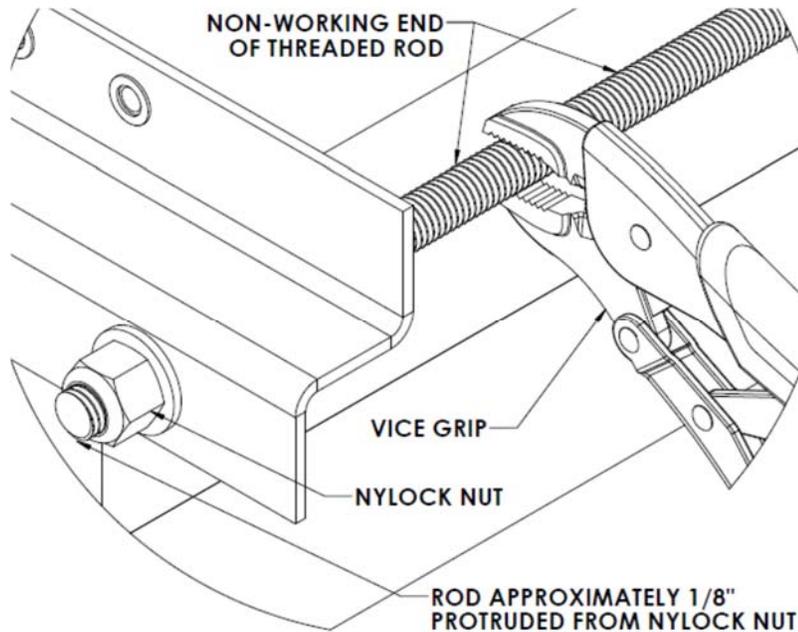
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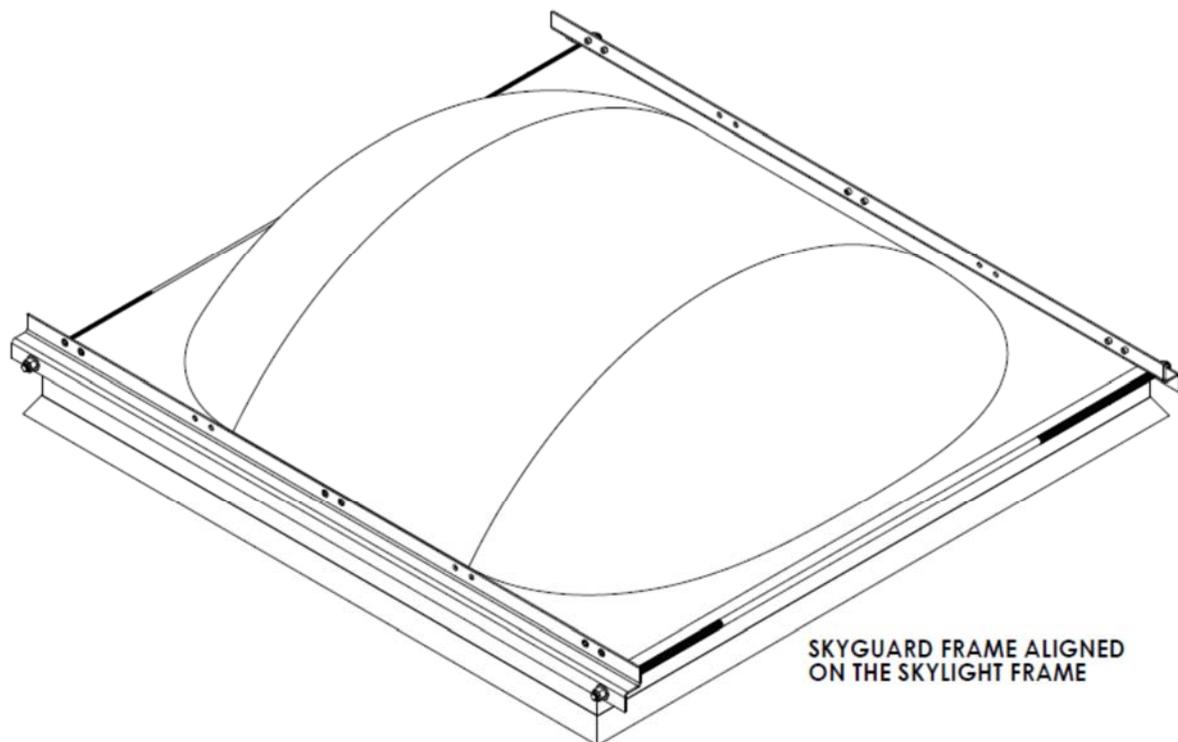
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11. On one side of the mount bracket, tighten the nuts onto the threaded rods until approximately 1/8" of the rod has protruded from the nuts.
  - a. Use a vice grip to hold the rod on the non-working area of the rod while tightening the nut.



12. Align and center the mount bracket on the skylight frame.





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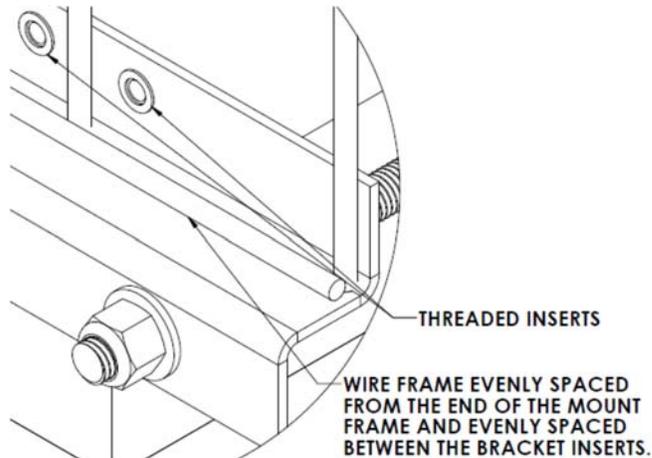
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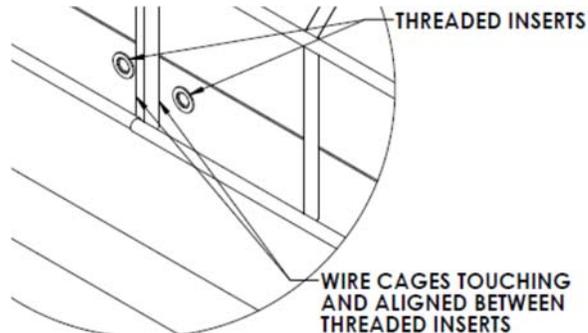
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13. Place the wire cage over the skylight and onto the mount brackets.
14. Align a wire cage to be evenly spaced from the edge of the mount frame and between the threaded inserts.

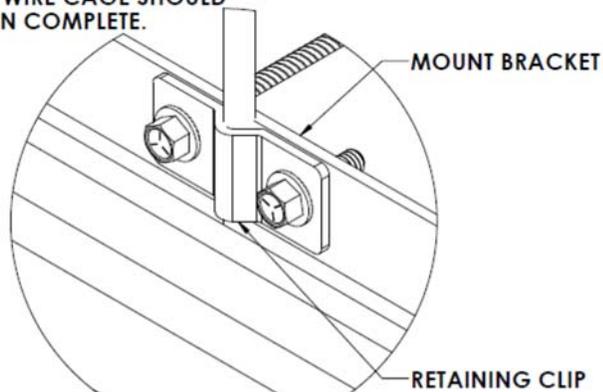


- a. If two wire cages are provided, align the cages to be between one set of the threaded inserts as illustrated below.



15. Place a retaining clip over the cage wire and align with the threaded inserts on the mount bracket.
16. Secure the retaining clip to the mount bracket with serrated flange bolts.
17. Repeat steps 15 through 16 along the entire side of the mount frame being worked on.

RETAINING CLIP SECURED ONTO MOUNT BRACKET. WIRE CAGE SHOULD BE IMMOBILE WHEN COMPLETE.





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18. Adjust the wire cage on the unsecured side to be aligned consistently with the secured side of the wire cage.
19. Proceed to steps 15 through 16 on the unsecured end of the skyguard assembly.
20. Move to the opposite end of the skyguard assembly from the tightened nuts on the threaded rods and tighten the nuts until the mount brackets are tightly secured onto the skylight frame.
  - a. Adjust the mount brackets as necessary to keep them centered and resting on the skylight frame.
  - b. Please note - do not over tighten one end of the frame. Keep torque consistent on both ends.
21. Ensure that both ends of the skyguard assembly are firmly secured to the skylight frame.
  - a. Make any necessary adjustments to ensure the Skyguard is properly attached to the skylight.
22. If 2 wire cages were placed onto the skylight proceed to the next step, otherwise the assembly is complete.
23. Place a tap screw through a hole in the skyguard assembly located below the threaded inserts on the mount bracket.
24. Fasten the tap screw securely to the mounting bracket and skylight.
  - a. Do not over tighten and strip the threads on the tap screw.
25. Continue steps 23 through 24 until all tap screws are secured to the skylight.

